

FRIEDMAN & BRUYA, INC.**ENVIRONMENTAL CHEMISTS****AMENDED 6/12/95****Date of Report: May 31, 1995****Date Received: May 25, 1995****Project: #7238, Metro 24 Hr. (ACW), PO M41970****Date Samples Extracted: May 25, 1995****RESULTS FROM THE ANALYSIS OF WATER SAMPLES
FOR CHROMIUM, COPPER, NICKEL, ZINC****Samples Processed Using Method 3005****Results Reported as mg/L (ppm)**

<u>Sample ID</u>	<u>Chromium</u>	<u>Copper</u>	<u>Nickel</u>	<u>Zinc</u>
M41970 A Discharge	1.3	0.57	0.98	<0.05
M41970 B No Discharge	1.1	0.51	0.82	<0.05
<u>Quality Assurance</u>				
Blank	<0.05	<0.05	<0.05	<0.05
M41970 B No Discharge (Duplicate)	1.2	0.47	0.85	<0.05
M41970 B No Discharge (Matrix Spike) % Recovery	102%	100%	99%	100%
M41970 B No Discharge (Matrix Spike Duplicate) % Recovery	100%	96%	98%	99%
Spike Blank % Recovery	102%	100%	101%	99%
Spike Level	5	5	10	5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Andrew John Friedman
James E. Bruya, Ph.D.
(206) 285-8282

3012 16th Avenue West
Seattle, WA 98119-2029
FAX: (206) 283-5044

June 12, 1995

**Gerald Thompson, Project Leader
Alaskan Copper Works
628 South Hanford
Seattle, WA 98134**

Dear Mr. Thompson:

Enclosed are the amended results from the testing of material submitted on May 25, 1995 from your project #7238, Metro 24 Hr. (ACW), PO M41970. The report has been amended to correct the date the samples were extracted.

Please let me know if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



**Bradley T. Benson
Chemist**

**jdp
Enclosures**

ACU0531X

AKC-0012890

FRIEDMAN & BRUYA, INC.**ENVIRONMENTAL CHEMISTS****Date of Report: May 31, 1995****Date Received: May 25, 1995****Project: #7238, Metro 24 Hr. (ACW), PO M41970****Date Samples Extracted: May 16, 1995**

**RESULTS FROM THE ANALYSIS OF WATER SAMPLES
FOR CHROMIUM, COPPER, NICKEL, ZINC
Samples Processed Using Method 3005
Results Reported as mg/L (ppm)**



<u>Sample ID</u>	<u>Chromium</u>	<u>Copper</u>	<u>Nickel</u>	<u>Zinc</u>
M41970 A Discharge	1.3	0.57	0.98	<0.05
M41970 B No Discharge	1.1	0.51	0.82	<0.05
<u>Quality Assurance</u>				
Blank	<0.05	<0.05	<0.05	<0.05
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M41970 B No Discharge (Matrix Spike) % Recovery	102%	100%	99%	100%
M41970 B No Discharge (Matrix Spike Duplicate) % Recovery	100%	96%	98%	99%
Spike Blank % Recovery	102%	100%	101%	99%
Spike Level	5	5	10	5

BTB AI
5-25-95
1:40pm

1:40 pm

SITE NO.		PROJECT NAME		PURCHASE ORDER #	
7238		McAfee 24 hr (acc)		M 4/970	
SAMPLERS (signature)				PROJECT LOCATION	
[Signature]				3200 6 th Ave S	
REMARKS				SAMPLE DISPOSAL INFORMATION	
				<input type="checkbox"/> Dispose after 30 days <input checked="" type="checkbox"/> Return Samples <input type="checkbox"/> Call for Instructions	

[illegible]

SIGNATURE	PRINT NAME	COMPANY	Date	Time
Relinquished by: 	Gerald Thompson	Alaska Copper	5/25	1:32 pm
Received by: 	John P. Wright	Friedman & Bruhn Inc	5/25/95	1:32 pm
Relinquished by:				
Received by:				

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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James E. Bruya, Ph.D.
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Seattle, WA 98119-2029
FAX: (206) 283-5044

DUPLICATE COPY

May 31, 1995

INVOICE # 95ACU0531-1

**Alaskan Copper Works
628 South Hanford
Seattle, WA 98134**

**RE: Project #7238, Metro 24 Hr. (ACW), PO M41970: Results of testing requested
by Gerald Thompson, Project Leader for material submitted on May 25, 1995.**

**2 water samples analyzed for Chromium, Copper,
Nickel and Zinc @ \$65 per sample**

\$ 130.00

Amount Due

\$ 130.00

ACU0531R

AKC-0012893

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Andrew John Friedman
James E. Bruya, Ph.D.
(206) 285-8282

3012 16th Avenue West
Seattle, WA 98119-2029
FAX: (206) 283-5044

May 31, 1995

**Gerald Thompson, Project Leader
Alaskan Copper Works
628 South Hanford
Seattle, WA 98134**

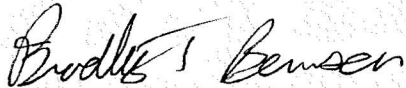
Dear Mr. Thompson:

**Enclosed are the results from the testing of material submitted on May 25, 1995
from your project #7238, Metro 24 Hr. (ACW), PO M41970.**

**We appreciate this opportunity to be of service to you and hope you will call if you
should have any questions.**

Sincerely,

FRIEDMAN & BRUYA, INC.



**Bradley T. Benson
Chemist**

**jdp
Enclosures**